



TOWN OF HOPEDALE

78 Hopedale Street - P.O. Box 7
Hopedale, Massachusetts 01747

Tel: 508-634-2203 ext. 212
Fax: 508-634-2200

Board of Water & Sewer
Commissioners

Ed Burt, Chair
James Morin
Donald Cooper

February 11, 2022

To: Planning Board
Zoning Board
Conservation Commission

From: Tim Watson, Manager
Water & Sewer Departments

Subj: 75 Plain Street site plan review

Dear Boards and Commissions,

I am writing in response to questions directed to the Water & Sewer Departments regarding the 75 Plain Street site plan review, provided by Graves Engineering, and to address comments regarding the Storm Water Plan that will abut the Hopedale Water Department's well-field.

The Planning Board specifically asked questions about items 21 & 23 in the Graves report. The elevation differences on the plans will be corrected on the force main sheets. In-field adjustments during construction are common and are not of a concern. The overall sewer system design, with a usage of 4,500 gallons per day (GPD), associated lift station and piping size, is acceptable to transfer the waste in a manner to ensure that it does not become septic before entering the Town's collection system, nor will it have an effect on the Town's pump station downstream.

Question 23, in reference to utility crossings, will be required to follow American Water Works Association standards. When a crossing is required, a separation of 18 inches is required with no bell joints within 10 feet either side of the crossing. If this cannot be accomplished, the sewer line is required to be encased in flowable fill.

After reviewing the storm water plan, I am comfortable with the protection provided to the Mill Street Well Field. Each catch basin has an oil separator and sump, all parking lot drainage has pretreatment and there are no direct basins. I have also been informed that there will be two emergency spill sheds on the property to store the necessary spill containment if a spill does occur. Additionally, the report states that no calcium / salt products for de-icing will be allowed. Within the storm water maintenance plan, all basins and infiltration systems will be inspected and cleaned twice a year. My understanding is that Hopedale has adopted the EPA's MS4 storm water regulations, which will ensure that the maintenance plan is adhered to.

The property owner will also be fully responsible for any environmental remediating on site, which includes a 20,000-gallon UST, and any other areas identified during construction. The

removal of this ground contamination, as well as others that may be identified, will be beneficial to all.

W&S Departments have also requested the following of the developer:

- The extension of the water main on Plain Street to the Mendon town line.
- A commitment to a 4 to 1 removal of I&I (which W&S is in the process of adopting as part of our policies).
- Financial assistance in the construction of a new water storage tank (which would assist in the Town's ability to provide fire protection needs to a facility of this size).

If the Boards do approve this development, I recommend that the Town hire, at the Developer's expense, an outside inspector for the Storm Water Construction and Water & Sewer Installation. This same firm could also oversee any Conservation Commission requirements to ensure that they are also properly adhered to.

In closing, I agree with the Peer Review from Graves Engineering that the SWP will reduce the surface water runoff and increase the on-site infiltration as stated on page 2. This new infiltration, with proper treatment could in fact be beneficial to the Water & Sewer aspects. I do not believe I would have the same opinion if this were undeveloped forestland or 'clean site' and not a defunct cement yard,

Sincerely,



Timothy J. Watson, Manger
Town of Hopedale
Water & Sewer Departments

Cc Diana Schindler, Town Administrator
Hopedale Board of Water & Sewer Commission
Chris Nadeau, Highway Superintendent
Tim Aicardi, Building Inspector